

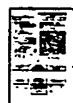


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Patent Playties



JP2293050A: CATALYST FOR PURIFICATION OF EXHAUST GAS

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Country: JP Japan

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Inventor(s): TAKADA TOSHIHIRO

Applicant(s): TOYOTA MOTOR CORP


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Issued/Filed Dates: Dec. 4, 1990 / May 6, 1989

Application Number: JP1989000113975

IPC Class: B01J 029/06; B01D 053/36;

Abstract: **Purpose:** To obtain a catalyst having a high rate of removal of NOx and superior durability by supporting zeolite contg. the double oxide of different transition metals or the double oxide of a transition metal and an alkaline earth metal in the pores.

Constitution: The double oxide of different transition metals such as a rare earth metal having atomic number 21 or 39 and other transition metal selected among transition metals having atomic numbers 21 to 30, 39 to 48, 57 to 80 and 89 or the double oxide of an alkaline earth metal having atomic number 4, 12, 20 and a transition metal is used. Zeolite contg. the double oxide in the pores is supported on a refractory carrier such as cordierite. The resulting catalyst has a high rate of removal of NOx on the lean side and superior durability.

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Foreign References: none

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